

Sub. For, PTO-1449 <b>INFORMATION DISCLOSURE IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Docket Number <b>110313.136US2</b>	Application Number <b>10/828,975</b>
				Applicant <b>Ren et al.</b>	
Sheet	1	OF	3	Filing Date <b>April 21, 2004</b>	Group Art Unit <b>1645</b>

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	WO 00/61624	10-19-2000	PCT	—	—	
	WO 01/07611 A2	02-01-2001	PCT	—	—	
	WO 01/54477 A2	08-02-2001	PCT	—	—	
	WO 01/75067 A	10-11-2001	PCT	—	—	
	WO 02/090567 A2	11-14-2002	PCT	—	—	
	WO 03/089583 A2	10-30-2003	PCT	—	—	
	WO 03/091434 A1	11-06-2003	PCT	—	—	X
	WO 03/099865 A1	12-04-2003	PCT	—	—	

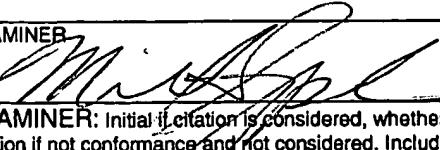
Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
A	Arnoult et al., "Activation of mouse sperm T-type Ca <sup>2+</sup> channels by adhesion to the egg zona pellucida," Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 13004-13009 (1996)	
B	Bedford, "Mammalian Fertilization Misread? Sperm Penetration of the Eutherian Zona Pellucida Is Unlikely to be a Lytic Event," Biology of Reproduction, Vol. 59, pp. 1275-1287 (1998)	
C	Darszon et al., "Ion Channels in Sperm Physiology," Physiological Reviews, Vol. 79, No. 2, pp. 481-510 (1999)	
D	Database EMBL, May 30, 2000, XP002306734, Database Accession No. AP000586	
E	Database EMBL, March 3, 2000, XP002306735, Database Accession No. AA416682	
F	Database EMBL, March 3, 2000, XP002306736, Database Accession No. AA416577	

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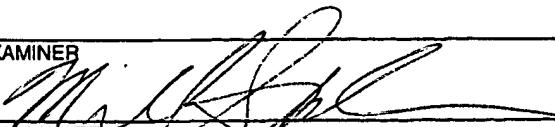
Sub. For, PTO-1449				Docket Number 110313.136US2	Application Number 10/828,975
				Applicant Ren et al.	
				Filing Date April 21, 2004	Group Art Unit 1645
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<i>M</i>	G	Database EMBL, December 1, 2001, XP002306737, Database Accession No. Q96P76
	H	Database EMBL, October 15, 2001, XP002306738, Database Accession No. AF407333
	I	Database EMBL, December 1, 2001, XP002306739, Database Accession No. Q91ZR5
	J	Database EMBL, October 15, 2001, XP002306740, Database Accession No. AF407332
	K	Database EMBL, 8 October 2001, XP002314898, Database Accession No. BF092492
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	M	Database EMBL, 03 March 2000, XP002314900, Database Accession No. AA662668
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	R	Database EMBL, 13 February 2002, XP002314905, Database Accession No. AAS90759
	S	Database EMBL, 8 October 2001, XP002314906, Database Accession No. BI826910
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	U	Database EMBL, 9 May 2001, XP002314908, Database Accession No. BG718343
	V	Database EMBL, 9 May 2001, XP002314909, Database Accession No. BG718245
	W	Database EMBL, 29 November 2001, XP002314910, Database Accession No. ABL90376
	X	Database EMBL, 29 November 2001, XP002314911, Database Accession No. ABB89967
	Y	Database EMBL, 25 March 2004, XP002314912, Database Accession No. ACN41330
	Z	Database EMBL, 25 January 2001, XP002314968, Database Accession No. BF934163
	AA	Garbers D.L., "Ion channels. Swimming with sperm," Nature, Vol. 413, No. 685, pp. 579, 581-582 (2001)
<i>M</i>	AB	Hyne et al., "Calcium-dependent increase in adenosine 3', 5'-monophosphate and induction of the acrosome reaction in guinea pig spermatozoa," Proc. Natl. Acad. Sci. USA, Vol. 76, No. 11, pp. 5699-5703 (1979)

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<i>MS</i>	AC	Jungnickel et al., "Trp2 regulates entry of Ca <sup>2+</sup> into mouse sperm triggered by egg ZP3," Nature Cell Biology, Vol. 3, pp. 499-502 (2001)
	AD	O'Toole et al., "Ca <sup>2+</sup> Entry through Store-operated Channels in Mouse Sperm Is Initiated by Egg ZP3 and Drives the Acrosome Reaction," Molecular Biology of the Cell, Vol. 11, pp. 1571-1584, (2000)
	AE	Quill et al., "A voltage-gated ion channel expressed specifically in spermatozoa," Proc. Natl. Acad. Sci. Vol. 98, No. 22, 12527-12531
	AF	Ren et al., A Sperm Ion Channel Required for Sperm Motility and Male Fertility," Nature, Vol. 413, No. 6856, October 11, 2001, pp 603-609 (2001)
	AG	Santi et al., "A dihydropyridine-sensitive T-type Ca <sup>2+</sup> current is the main Ca <sup>2+</sup> current carrier in mouse primary spermatocytes," American Journal of Physiology, Vol. 271, pp. C1583-93 (1996)
	AH	Serrano et al., "Voltage-dependent Ca <sup>2+</sup> channel subunit expression and immunolocalization in mouse spermatogenic cells and sperm," FEBS Letters, 462, pp. 171-176 (1999)
	AI	Strausberg R., Homo Sapiens, Clone Image. 03 March 2003, Database NCBI, Accession Number BC047442, pages 1-3
	AJ	Tash, "Role of the cAMP, Calcium, and Protein Phosphorylation in Sperm Motility," In: Controls of Sperm Motility: Biological and Clinical Aspects, eds. Gagnon, pp. 229-240 (1990)
	AK	Wassarman et al., "A profile of fertilization in mammals," Nature Cell Biology, Vol. 3, E59-E64 (2001)
	AL	Wennemuth et al., "Cav2.2 and Cav2.3 (N- and R-type) Ca <sup>2+</sup> Channels in Depolarization-evoked Entry of Ca <sup>2+</sup> into Mouse Sperm," The Journal of Biological Chemistry, Vol. 275, No. 28, pp. 21210-21217 (2000)
	AM	Weyand et al., "Cloning and functional expression of a cyclic nucleotide-gated channel from mammalian sperm," Nature, Vol. 368, pp. 859-863, (1994)
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<i>MS</i>	AP	Yanigimachi, "Mammalian Fertilization," In: The Physiology of Reproduction, Second Edition, eds. Knobil and Neill, pp. 189-317 (1994)

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